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Docket No.: 04703/100J586-US1  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Shuji Kitamura et al.

Application No.: 10/719,173

Confirmation No.:

Filed: November 20, 2003

Art Unit:

For: METHOD FOR PRODUCING FERMENTED  
MILK CONTAINING ANGIOTENSIN  
CONVERTING ENZYME INHIBITORY  
PEPTIDE AND METHOD FOR  
PRODUCING MILK SERUM

Examiner: Not Yet Assigned

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (IDS)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

A copy of each document on the PTO/SB/08 is attached.

Citations 8 - 12 are not in the English language.

In accordance with 1.98(c), the requirement for concise explanation of relevance of Citations 8 and 12 is satisfied by the attached translations of the abstracts (see MPEP § 609 A(3)).

Also, in accordance with 1.98(c), the requirement for concise explanation of relevance of Citations 9-11 is satisfied by the following statement of relevancy (see MPEP § 609 A(3)):

The references were cited in U.S. Patent No. 5,238,921 and relate to the subject matter disclosed therein.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Commissioner is authorized to charge any deficiency of up to \$300.00 or credit any excess in this fee to Deposit Account No. 04-0100.

Dated: April 20, 2004

Respectfully submitted,

By

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Application No. (if known): 10/719,173

Attorney Docket No.: 04703/100J586-US1

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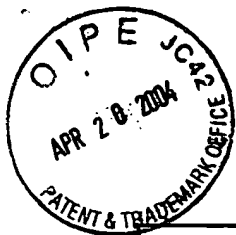
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Supplemental Information Disclosure Statement (2 pages);  
Form PTO SB/08 (1 page); and  
Thirteen (13) documents.



PTO/SB/08a/b (08-03)

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<b>Substitute for form 1449A/B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/719,173
				Filing Date	November 20, 2003
				First Named Inventor	Shuji Kitamura
				Art Unit	
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	04703/100J586-US1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	1	US-5,618,689	04-08-1997	McCarthy et al.	entire document
	2	US-5,547,687	08-20-1996	Outinen et al.	entire document
	3	US-4,687,739	08-18-1987	Sugisawa et al.	entire document
	4	US-4,293,571	10-06-1981	Olofsson et al.	entire document
	5	US-4,107,334	08-15-1978	Jolly	entire document
	6	US-3,876,806	04-08-1975	Hempenius et al.	entire document
	7	US-3,846,560	11-05-1974	Hempenius et al.	entire document

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>2</sup>
	8	Biosciences and Industry, Susumu Maruyama, "Production of Hypotensive Peptides from Food Protein", 47 No. 11, 38-42, 1989. (with partial translation)		
	9	Japan Fermentation Engineering Society, Susumu Maruyama, et al. "Production of Peptide Inhibitors of the Renin-Angiotensin System from Maize Protein", p. 23, 1988.		
	10	Japanese Society for Bioscience, Biotechnology and Agrochemistry, Susumu Maruyama, et al., "Angiotensin Converting Enzyme Inhibitory Effect and Hypotensive Effect of Peptides from Repeat Sequence Region of Corn Seed Protein", p. 8, 1989.		
	11	Japan Nutrition and Food Society, Shinsuke Miyoshi, et al., "Hypotensive Effect of Enzymolytic Product of Maize Protein on SHR", p. 113, 1989.		
	12	Journal of Japan Agricultural Chemistry Society, Shinsuke Miyoshi, et al., "Angiotensin Converting Enzyme Inhibitory Effect of Peptides Derived from Maize Protein", 64(3), 555, 1990. (translation)		
	13	Antonie van Leeuwenhoek, "The Proteolytic Systems of Lactic Acid Bacteria," 70: 187-221. 1996		

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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